

Saxon - Bug #4794

Output method saxon:base64Binary throws exception

2020-10-16 07:28 - Jiri Dolejsi

Status:	Closed	Start date:	2020-10-16
Priority:	Normal	Due date:	
Assignee:	Michael Kay	% Done:	100%
Category:	Saxon extensions	Estimated time:	0:00 hour
Sprint/Milestone:		Spent time:	0:00 hour
Legacy ID:		Fix Committed on	10, trunk
Applies to branch:	10, trunk	Branch:	
		Fixed in Maintenance	10.3
		Release:	

Description

.NET 4.7, SaxonEE 10.2 Exception - Saxon.Api.DynamicError: Cannot create user-supplied output method. Failed to load base64Binary

```
`using System; using Saxon.Api; using System.IO;
```

```
namespace TestSaxon { class Program { static Processor processor = new Processor(true);
```

```
    static String xslt =  
        @"<xsl:transform version='3.0' xmlns:xsl='http://www.w3.org/1999/XSL/Transform' xmlns:xs='http://www.w3.org/2001/XMLSchema' xmlns:saxon='http://saxon.sf.net/'>" +  
        @"<xsl:output method='saxon:base64Binary' />" +  
        @"<xsl:template name = 'xsl:initial-template'>" +  
        @"<xsl:text>iVBORw0KGgoAAAANSUHEUgAAAAoAAAAKCAyAAACNMs+9AAAABGdBtUEAALGPC/xhBQAAAAAwSFlzAAA" +  
        @"LEwAACxMBAJqcGAAd0SU1FB9YGARC5KB0XV+IAAAAddEVYdENvbW1lbnQAQ3JlYXRlZCB3aXRoIFRvZSBH" +  
        @"SU1Q72QlbgAAAF1JREFUGNO9zL0NglAAxPEfdLTs4BZM4DIO4C7OwQg2JoQ9LE1exdlYvBBz7jqch9//q1uH" +  
        @"4TLzw4d6+ErXMMcXuHWxId3KOEtnnXXV6Mjpcq2MLaI97CER3N0vr4MkhoXe0rZigAAAABJRU5ErkJggg==" +  
        @"</xsl:text>" +  
        @"</xsl:template>" +  
        @"</xsl:transform>";
```

```
    static void Main()  
    {
```

```
        XsltCompiler comp = processor.NewXsltCompiler();  
        Xslt30Transformer transformer = comp.Compile(new StringReader(xslt)).Load30();  
        Serializer ser = processor.NewSerializer();  
        MemoryStream ms = new MemoryStream();  
        ser.SetOutputStream(ms);  
        transformer.CallTemplate(null, ser);  
        var x = ms.ToArray();
```

```
    }  
}
```

History

#1 - 2020-10-16 09:29 - Michael Kay

- Category set to Saxon extensions

- Assignee set to O'Neil Delpratt

#2 - 2020-10-27 17:19 - Michael Kay

- *Status changed from New to In Progress*
- *Assignee changed from O'Neil Delpratt to Michael Kay*

I've added JUnit test TestSerializer/testBinarySerialization and I'm getting the same error on the Java platform.

#3 - 2020-10-27 17:24 - Michael Kay

At SerializerFactory#309 we're expecting the method name to be a Clark name {uri}local but it's actually an EQName (Q{uri}local).

Note that the constants in SaxonOutputKeys are Clark names.

I'm inclined to do some lazy programming here and accept either format.

#4 - 2020-10-27 19:57 - Michael Kay

- *Status changed from In Progress to Resolved*
- *Applies to branch 10, trunk added*
- *Fix Committed on Branch 10, trunk added*

Fixed.

#5 - 2020-10-28 18:58 - O'Neil Delpratt

Bug fix applied in the Saxon 10.3 maintenance release

#6 - 2020-10-28 19:13 - O'Neil Delpratt

- *Status changed from Resolved to Closed*
- *% Done changed from 0 to 100*
- *Fixed in Maintenance Release 10.3 added*